

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
4 January 2007 (04.01.2007)

PCT

(10) International Publication Number  
**WO 2007/000187 A1**

(51) International Patent Classification:  
**G08B 29/04** (2006.01)

(21) International Application Number:

PCT/EP2005/053042

(22) International Filing Date: 28 June 2005 (28.06.2005)

(25) Filing Language:

English

(26) Publication Language:

English

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CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

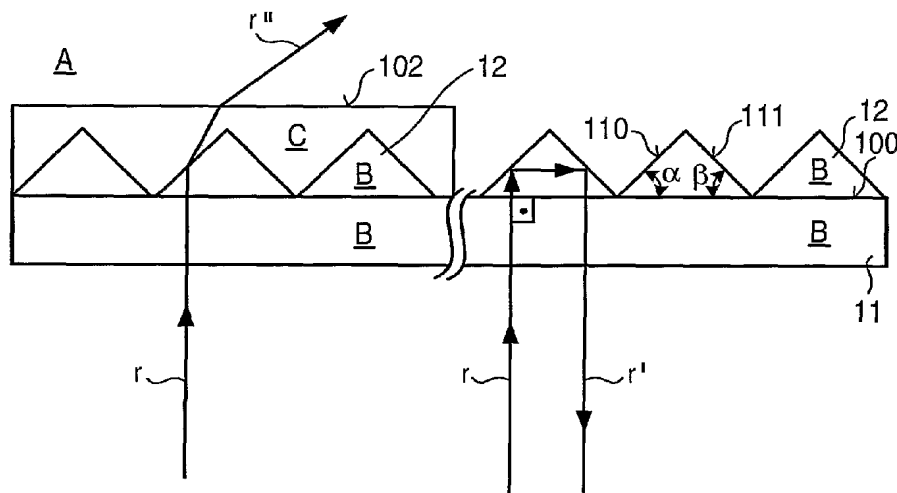
Published:

— with international search report

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SENSOR ARRANGEMENT FOR DETECTING A LIQUID ON A SURFACE



(57) Abstract: The sensor arrangement comprises at least one transparent elevation, which is formed on the surface. The transparent elevation is made of a first transparent material. At least one first facet of the transparent elevation defines a first angle with the surface. This first angle is larger than an angle at which a total reflection occurs at an interface of the first transparent material and air and is at the same time smaller at an angle at which a total reflection occurs at an interface of the first transparent material and the liquid. A light source is arranged for emitting an incident ray into a first direction passing through the surface into the transparent elevation such that in presence of a liquid at the first facet an incident ray will be transmitted through the first facet, wherein in absence of a liquid the incident ray will be reflected due to a total reflection at the facets. Additionally, a light detector is provided for detecting the reflected ray.

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